

**REMARKS**

The above amendment and these remarks responsive to the Office Action of Examiner Mareisha N. Winters, dated 9 July 2003.

Claims 1-19 are in the case, none as yet allowed.

**35 U.S.C. 103**

Claims 1-19 have been rejected under 35 U.S.C. 103(a) over U.S. Patent 6,473,800 (Jerger) in view of U.S. Patent 5,974,549 (Golan).

Jerger describes an ActiveX construct.

Golan describes running sandboxed code side-by-side (e.g., applets) where the end-user can define the level of execution allowed (e.g. the applet is allowed to write files or not).

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Applicants assert that it is not an obvious construct to add the Golan concept to Jerger's ActiveX teachings to reach the claims in the present application. Applicants' claims differ in at least the following:

1. In applicants' invention, the administrator, not the end user, determines what the sandboxed code gets to do. Applicants' claimed trust model inherently is about the end user deciding to trust the administrator (that is, server), not the code-author (as is the case with Golan and Jerger) to determine the rights-level of the code executing on the client machine.

2. In applicants' invention, the administrator can subsequently turn up/down the rights level of the code. Basically, applicants' model is a security partitioning for "grid-style" processing (a term which has been added to the art subsequent to applicants' filing, but refers to the concept applicants claim). In such "grid-style" processing, a secured portion of the end-user's machine is "borrowed" to run whatever the website, or server, administrator wants to run. The essential difference shows up in the administrator control at the server, which is not at all taught by Golan or Jerger.

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In applicants invention, the user determines if the site (server, administrator) is to be trusted, and if trusted, the administrator, or server, controls what is to be loaded to and executed at the client. See applicants' specification, page 4, lines 6-19; page 103, line 12 to page 105, line 8.

On this point of having a trusted server control download, the Examiner states:

"said server site responsive to said user accepting said server site as trusted for centrally administering security policies for said services and programs (column 7, lines 1-9)." (Office Action, page 3, lines 17-18.)

However, Golan says:

"The secure monitor DLL, however, constructs a secure sandbox that monitors all the APIs that can be used to breach security, e.g., file and disk access, system modifications, network connections, etc. whenever such an API is called directly or indirectly by the downloadable software component, the secure monitor DLL determines whether a security breach is being attempted. This determination is based on the API called, the parameters passed to it and a user configurable security policy." (Golan, Col.7, lines 1-9).

The operation of Golan is described in the Abstract, which states:

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"The present invention is a method of creating a secure sandbox within which a plurality of downloaded software components can execute in a secure manner... The invention implements a security monitor that is injected to the address space of an arbitrary monitored application such as a Web browser... The monitored application then executes in a secure mode in which every software component downloaded executes in a secure sandbox. The security monitor detects when such a software component is downloaded and is operative to create the sandbox around it before it is permitted to execute. If the software component attempts to commit an action that breaches security, it halts the software component's execution and issues a warning to the user." (Golan, Abstract.)

Applicants have amended each of the independent claims to make clear that the administrator (server), once accepted as trusted by the client, controls what services are executed at the client.

Applicants request that the amendments to the claims be entered, and claims 1-19 be allowed.

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### SUMMARY AND CONCLUSION

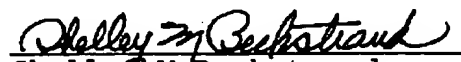
Applicants urge that the above amendments be entered and the case passed to issue with claims 1-19.

If, in the opinion of the Examiner, a telephone conversation with applicant(s) attorney could possibly facilitate prosecution of the case, he may be reached at the number noted below.

Sincerely,

Carl J. Kraenzel, et al.

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